



# Experience



## Senior iOS Developer

Hedgehog lab Agency

Jun 2021 – Present

### Banking App

- 6 month work as contractor on UK leading banking app, fully agile methodology, UIKit work for the large part but eventually went on to champion and prototype a small SwiftUI prototype copy as showcase/exploration for the business.

### CGX Fitness App

- Played a significant part of a team of 4 iOS developers to deliver a large scale fitness app, my responsibilities consisted of the networking/api layer, theming and components, unit testing best practices, performance and casting, fully SwiftUI and async/await.

### UX Prototype App

- Championed and built a open-source UI components and prototyping tool for to enable on device experimentation with the full nuances and edge cases of every UI piece as well as showcasing whenever possible customisation options available. It also serves as a code repository for developers to store barebones implementations of common elements and behaviours.



## Senior iOS Developer

Fleetondemand

Jun 2019 – Apr 2021

### Mobilleo App

- 23 month effort to prototype a native iOS corporate mobility/travel app from scratch using SwiftUI as a sole developer using a existing Api and web app as reference, delivered a fully functional prototype by the end as poof of the new SwiftUI viability
- Built what was probably at the time one of the largest pure SwiftUI consumer application when very little was known about the new technology (i wrote my own Stackoverflow answers as opposed to using any)



## Senior iOS developer

RotaCloud

Jan 2018 – Feb 2019

### Rotacloud Terminal

- iPad kiosk app i have singlehandedly developed in half a year from scratch using Swift, i have created a API library that went on to become the groundwork of the main scheduling app and was shared between the two

### Rotacloud App

- Consumer app for shift management and scheduling, GRDB local storage, shared API library with the Terminal, trained junior developers and managed collaboration with 3rd party library developers Working in an environment where i was given free reign to determine what are the right approaches and procedures enabled me to get significant achievements in project management and the continuous liaising with the android team, backend, designers and customer support enabled me to improve my collaboration and understanding of the challenges in bringing a updated product to market.



## Senior iOS developer

The Distance Agency

Oct 2016 – Oct 2017

- My duties consisted of maintaining existing Objective-C iOS software and develop new Swift apps, additionally i maintained existing internal iOS libraries, liaised with project managers to manage timelines and expectations, coordinated iOS juniors and provided technical guidance, i was involved in improving procedures and processes within the organisation in relation to the iOS pipelines.
- Working with a very diverse set of projects and collaborating with their respective stakeholders while also making sure the procedures we have in house match the real life requirements was a great achievement for me and i am grateful for the exposure to the projects and the processes that i was involved in during my time there.



## iOS developer

Stroma Certification

Sep 2015 – Nov 2015

- Worked on a highly architectural iPad app for house energy assessors under a fully agile environment with heavy use of JIRA.

**Tech stack : Swift SwiftUI** Observation  
**SOLID TDD SwiftLint fastlane** XcodeCloud  
**SPM Github GIT Figma Notion JIRA**  
CloudKit GoogleCloud Firebase

## Notable projects

\* **Apache2Triad** <https://sourceforge.net/projects/apache2triad/>  
Used by schools, web hosts, businesses and even governments  
Apache2Triad was a instant hit when I released it in 2004 to facilitate easy deployment and management of WAMP web/database/php stack, it garnered more than half a million downloads in just a few years.

\* **MagicPrefs** <http://magicprefs.com>  
Again with around half a million downloads this was my most successful macOS app, I released it in 2009 just months after Apple released the Magic Mouse as a third party gesture addition to the device.

\***CGX Caroline Girvan fitness** <http://cgxapp.com>  
Built during my tenure at hedgehog lab entirely in SwiftUI it quickly became one of the top fitness app in the App Store with tens of thousand of subscribers.

## Other work

While being a passionate frontend developer I haven't entirely eschewed working with low level frameworks and components for example in Magicprefs I am dealing with the touch driver directly, in VTrace there is network programming to run ping/traceroute and plot results on a map, in MagicTerminal I run my own server that listens for device connections, in BeaconMagic I deal directly with core bluetooth and the list could go on.

# Other links

[github.com/valexa](https://github.com/valexa)

[sourceforge.net/u/valexa/profile](https://sourceforge.net/u/valexa/profile)

[stackoverflow.com/users/314546/valexa](https://stackoverflow.com/users/314546/valexa)

[apps.apple.com/us/developer/vlad-alexa/id311851257](https://apps.apple.com/us/developer/vlad-alexa/id311851257)

# Education

- **TUV Rheinland**  
ISO 9001, ISO 14001 internal auditor certification  
2007 – 2008
- **CISCO Networking Academy**  
network engineering courses  
2003 – 2007

# Other work

- **macOS developer**  
Mobee Technology Ltd  
Jul 2011 – Nov 2011 (5 mos)  
I was contracted by Mobee to write the OS X software for the Mobee Magic Numpad
- **iOS developer**  
Magnolia labs  
Sep 2010 – Feb 2011 (6 mos)  
Optimization, fixes and code review, Objective-C and Cocoa Touch.
- **web developer**  
Kreyv / Hybridica  
Sep 2007 – Dec 2008 (1 yr 4 mos)

Worked on a commerce application frontend in php with ajax

- **web developer**  
VAOR LLC  
Sep 2006 – Aug 2007 (1 yr)  
Oregon based company i own in partnership with the owner of SAI
- **apache2triad contract**  
Magasec inc.  
Feb 2007 – Mar 2007 (2 mos)  
Provided infrastructure and installer to support local web application deployment for chain-of-custody company
- **apache2triad contract**  
Application Data Systems Inc.  
Oct 2005 – Nov 2005 (2 mos)  
Provided a opensource server infrastructure solution based on my WAMP stack for Public Safety software company
- **web programer**  
Potent Communications  
Jul 2005 – Oct 2005 (4 mos)  
Did the php code for some website features.
- **system manager , sysadmin and developer**  
SAI  
Dec 2004 – Mar 2005 (4 mos)  
Headed a distributed software development team for a furniture supplier , remotely maintained Linux based web server with Apache and PHP , locally hosted and administrated CVS server